EUROPEAN PATENT OFFICE

(3)

Patent Abstracts of Japan

PUBLICATION NUMBER

2000170416

PUBLICATION DATE

20-06-00

APPLICATION DATE

04-12-98

APPLICATION NUMBER

10345298

APPLICANT:

KUMAHIRA SAFE CO INC;

INVENTOR:

KOBAYAKAWA YOJI;

INT.CL.

E05B 17/00 E05B 17/14 E05B 65/00

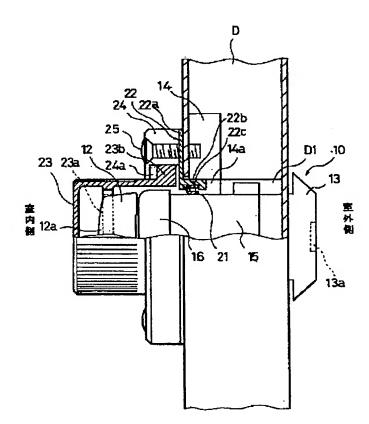
H05K 9/00

TITLE

ELECTROMAGNETIC WAVE

SHIELDING STRUCTURE OF LOCK

MOUNTING PART



ABSTRACT:

PROBLEM TO BE SOLVED: To provide an electromagnetic wave shielding structure of a lock mounting part in an electromagnetic wave shielding room.

SOLUTION: A lock 10 comprises a door locking and unlocking groove for locking and unlocking a door D, an inner tube 15 having a thumb-turn shaft for operation therein, and the thumb-turn 12. A lock mounting part of the lock 10 is formed by inserting an inner tube into a through hole D1 provided in a door. The lock mounting part comprises a conductive member 21, which is fitted into the through hole D1 and formed of a conductive material, installed so that it is brought into contact with the door without any clearance and a conductive member supporter 22. In addition, it further comprises a lock cover 23 formed of the conductive material with which the thumb-tum 12 is coated. The lock cover 23 in brought into contact directly with the door, or through the conductive member supporter 22 and a lock cover mounting member 24 with the door without any clearance. Then it is formed so that the thumb- turn 12 is rotatable integrally with the lock cover 23.

COPYRIGHT: (C)2000, JPO

